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Askew

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(54) **DOWNHOLE ADJUSTABLE BENT HOUSING
FOR DIRECTIONAL DRILLING**

(75) **Inventor:** **Warren Askew, Houston, TX (US)**

(73) **Assignee:** **Shlumberger Technology
Corporation, Sugar Land, TX (US)**

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(58) **Field of Search** **175/61, 62, 73,
175/74, 269, 107, 317, 324, 75, 76; 166/50,
117.5**

(56) **References Cited**

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Primary Examiner—Robert E. Pezzuto

(74) *Attorney, Agent, or Firm*—J. L. Jennie Salazar

(57) **ABSTRACT**

The present invention provides a hydraulically actuated downhole adjustable bent housing for use in directional drilling of bore holes and wells that allows adjustment of the housing from aligned to a bent configuration without raising or lowering the drillstring. The present invention also provides a method of directionally drilling a bore hole or a well using an downhole adjustable bent housing that can be operated without raising or lowering the drillstring.

17 Claims, 7 Drawing Sheets

